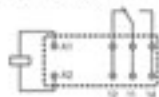




Circuit diagram
View on solder pins
dimensions in mm

1 C/O changeover contacts



General ordering data

Order No.	8869810000
Part designation	RCI314024
Version	Relay, 1 CO contact, 24 V DC , 16 A, Plug-in connection
EAN	4032248613168
Qty.	10 pc(s).

Input

Rated control voltage	24 V DC
Pull-in (sparkover) / drop-out voltage DC coil	16.8 V / 2.4 V
Rated current DC	16.7 mA
Power rating	400 mW

Output

Continuous current	16 A
Max. switching power	3000 VA
Max. switching voltage AC	250 V
Sparkover time / Drop-out time	7 ms / 3 ms

Contact data

Number of contacts	1
Contact base material	AgNi 90/10
Mechanical service life	AC coil $5 \cdot 10^5$ / DC coil $10 \cdot 10^5$ switching operations

Rated data

Connection system	Plug-in connection
DIN Rail compatibility	TS 35
UL 94 flammability class	V-0
Weight	14 g
Ambient temperature (operational)	-40 °C...+70 °C

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side 8 mm
- load side

Insulation coordination (EN 50 178)

Insulation group	C
Overvoltage category	III
Pollution severity	3
Protection class	IP 20
Rated voltage	250 V
Secure separation acc. to VDE 0106 part 101	Yes

Dimensions

Length	29 mm
Height	25.5 mm
Width	13.7 mm

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	EC001437
ETIM 3.0	EC001437
eClass 4.1	40-02-06-14
eClass 5.0	27-37-16-01
eClass 5.1	27-37-16-01

Similar products

Order No.	Part designation	Version
8869800000	RCI314012	Relay, 1 CO contact, 12 V DC , 16 A, Plug-in connection
8869820000	RCI314048	Relay, 1 CO contact, 48 V DC , 16 A, Plug-in connection
8869830000	RCI314110	Relay, 1 CO contact, 110 V DC , 16 A, Plug-in connection
8869840000	RCI314524	Relay, 1 CO contact, 24 V AC , 16 A, Plug-in connection
8869850000	RCI314615	Relay, 1 CO contact, 115 V AC , 16 A, Plug-in connection
8869860000	RCI314730	Relay, 1 CO contact, 230 V AC , 16 A, Plug-in connection